



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

Montag Windows & Doors, LLC
1249 Stirling Road, Suite 14,
Dania Beach, FL 33004

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ). This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "MWD" Inswing French Wood (Standard/ Angled) Doors w/wo Sidelites-LMI

APPROVAL DOCUMENT: Drawing No 1841, titled "MWD Series Inswing Impact Wood French Door", sheets 1 through 9 of 9, dated JUN 11, 2013, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P. E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control section.

MISSILE IMPACT RATING: Large Missile Impact Resistant

Limitations:

1. Max eight (8°) degree angle allowed for angled condition. See sheets 3 and 4.
2. When units are mulled, the steel reinforced mullion details F/6 (standard) or H/7 (angled) shall apply with tributary area per sheets 2 or 4.
3. Single operable door is not part of this approval.
4. Min 2x6 bucking required for Strap (clip) mount. Strap mount is not applicable to threshold item #17, details A/5 & B/5. Strap mount may be used with continuous sub-sill frame item #36.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Biberach, Germany and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No 13-0205.10
Expiration Date: June 20, 2018
Approval Date: June 20, 2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections
2. Drawing No 1841, titled "MWD Series Inswing Impact Wood French Door", sheets 1 through 9 of 9, dated JUN 11, 2013, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P. E.

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94.
 - 3) Water Resistance Test, per FBC, TAS 202-94.
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

Along with the manufacturer's parts drawings, installation diagram and marked-up drawings of Inswing angled wood doors w/ sidelites, prepared by Architectural Testing, Test Report No. **B9271.01-550-18**, dated 08/28/12, signed and sealed by Vinu Abraham, P.E.

Note: This test report have addendum letters dated DEC 13, 2012 and May 03, 2013, issued by Architectural Testing, both signed and sealed by Vinu Abraham, P.E

C. CALCULATIONS

1. Anchor verification calculations & structural analysis dated NOV 27, 2012 complying w/ FBC 2010, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P. E.
2. Glazing complies w/ ASTM E-1300-02 & 04

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

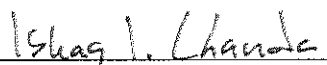
1. Notice of Acceptance No. **11-0624.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Sentry Glass interlayer", expiring on 01/14/17.

F. STATEMENTS

1. Statement letter of conformance to FBC 2010 and No financial interest, both dated NOV 27, 2012, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P. E.
2. Lab compliance as part of the above referenced test report.

G. OTHER

1. Distribution agreement dated Jan 01, 2012 between Fenesterfabrik Montag Fassadenbau & Co. KG, Germany (manufacturer) and Montag Windows & Door, LLC, USA (distributor), signed by Gernad Lang, CEO and Maximilian Jahl, CEO respectively on behalf of the company.
2. E-mail test approval dated OCT 30, 2012 by Jaime D. Gascon, P.E.
3. Test proposal **13-0046**, approved by RER.


Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 13-0205.10
Expiration Date: June 20, 2018
Approval Date: June 20, 2013

GENERAL NOTES:

1. THESE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS.
5. THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE DOORS.
7. ALL ANCHORS SECURING DOOR FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF $K_d = 0.85$ MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
11. ALL WOOD MEMBERS OF DOORS THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC SECTION 2326.

ALLOWABLE DESIGN PRESSURE (ALL CONDITIONS)

+/-65 PSF

CORNER CONSTRUCTION:

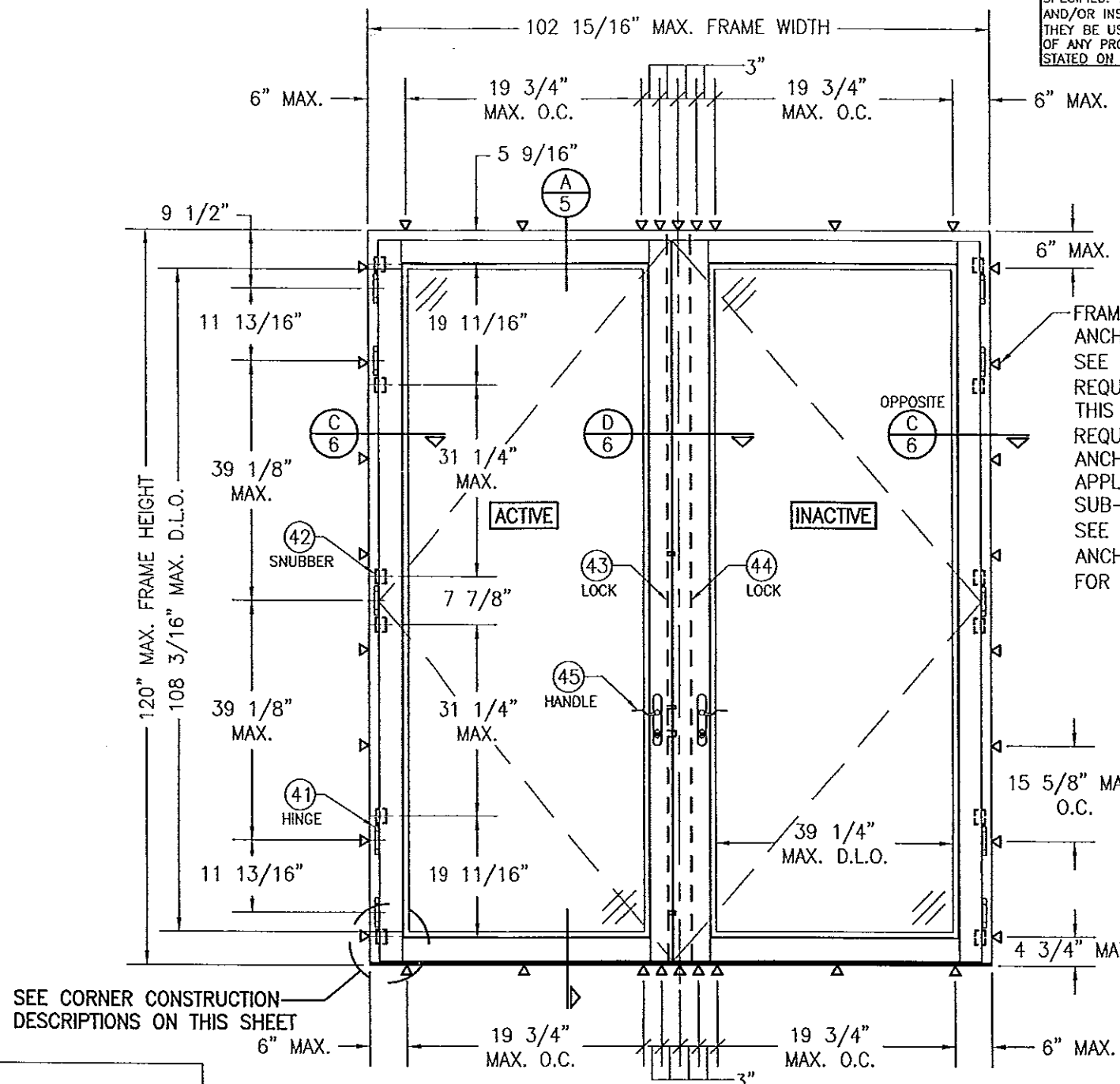
FRAME HEAD: MORTISE & TENON CONSTRUCTION JOINED & GLUED WITH RHENOCOLL 1-K 1-COMPONENT POLYURETHANE WOOD GLUE OR EQUIVALENT.

FRAME SILL: VERTICAL MEMBERS ARE COPED AND BUTTED TO THE THRESHOLD, JOINED WITH THREE(3) NO. 14 X 3 1/2" S.S. WOOD SCREWS (WITH STANDARD SILL CONDITION) OR THREE(3) NO. 14 X 4 3/4" S.S. WOOD SCREWS (WITH OPTIONAL SUB-SILL CONDITION) AND SEALED WITH DOW 995 SILICONE SEALANT.

PANEL CORNERS: MORTISE & TENON CONSTRUCTION JOINED & GLUED WITH RHENOCOLL 1-K 1-COMPONENT POLYURETHANE WOOD GLUE OR EQUIVALENT.

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

DRAWN BY:	W.W.S.	CHECKED BY:	W.W.S.
PLOT:	1-24	DATE:	11/06/12
DATE			
BY			
REVISION DESCRIPTION			
NO.			



FRAME SCREWS OR STRAP ANCHORS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR REQUIREMENTS (STRAP ANCHORS ARE NOT APPLICABLE AT SILL WHEN SUB-SILL IS NOT USED, SEE "OPTIONAL STRAP ANCHOR MOUNT DETAIL" FOR REQUIREMENTS).

Approved as complying with the
Florida Building Code
Date: JUN 20, 2013
NOAH 13-6205-10
Miami Dade Product Control

By: [Signature]

SEE CORNER CONSTRUCTION
DESCRIPTIONS ON THIS SHEET

INTERIOR ELEVATION: DOUBLE RECTANGULAR DOOR (STANDARD CONDITION)

SCALE: 1/2" = 1'-0"

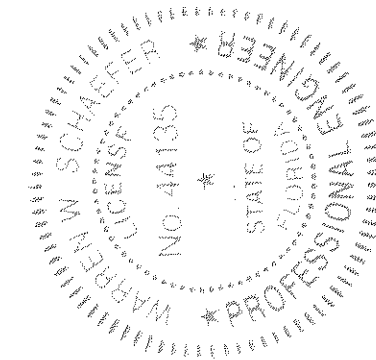
FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/CLIP TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME & STRAP ANCHOR SCREWS			
(3) MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	(1) 1/4" CONCRETE SCREW OR 1/4" GR. 5 SMS SCREW	1 1/2"	3/4"
MIN. 16 GA. 33 KSI METAL STUD	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
(2) MIN. C-90 CMU	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
MIN. 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 3/4"	2"

(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S. OR S.S.).

(2) CMU IS APPLICABLE AT THE SIDES ONLY (NOT APPLICABLE AT HEAD & SILL)

(3) BUCKING SHALL BE MIN. 2X4 WITH FRAME SCREW MOUNT AND 2X6 WITH STRAP MOUNT.



DRAWING TITLE: MWD SERIES IN-SWING IMPACT WOOD FRENCH DOOR

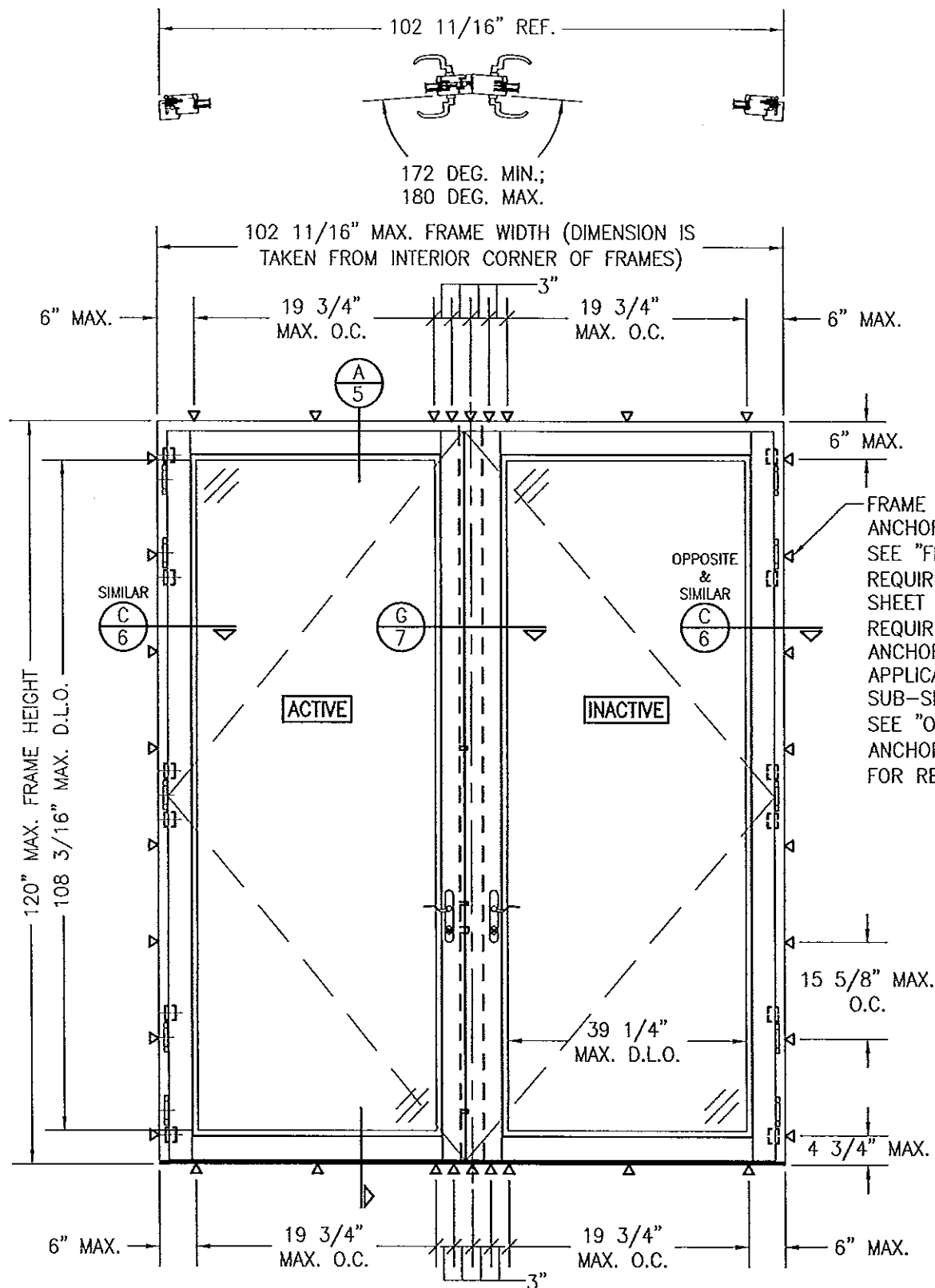
JOB INFORMATION:
MONTAG WINDOWS & DOORS
1249 STIRLING ROAD, SUITE 14
DANIA BEACH, FLORIDA 33004
(866) 562-1728

CONSULTANTS:
W. W. SCHAEFER ENGINEERING
& CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

CERTIFICATION:
JUN 11 2013

WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1841
SHEET NO. 1 OF 9



FRAME SCREWS OR STRAP ANCHORS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (STRAP ANCHORS ARE NOT APPLICABLE AT SILL WHEN SUB-SILL IS NOT USED, SEE "OPTIONAL STRAP ANCHOR MOUNT DETAIL" FOR REQUIREMENTS).

**INTERIOR ELEVATION;
DOUBLE RECTANGULAR DOOR
(ANGLED CONDITION)**

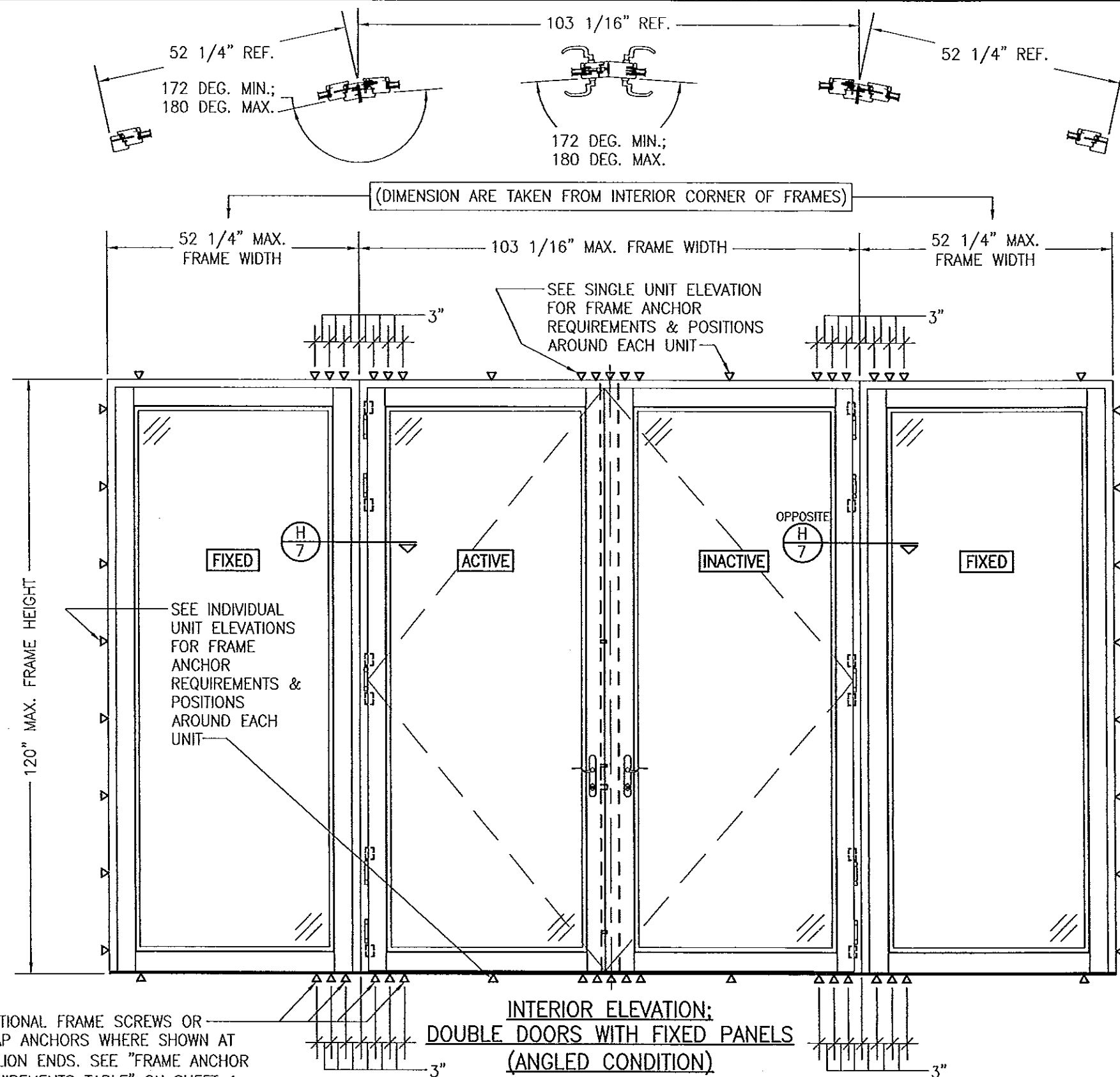
SCALE: 1/2" = 1'-0"

(FOR DETAIL NOT SHOWN, SEE "STANDARD CONDITION"
DOUBLE DOOR ELEVATION ON SHEET 1)

Approved as complying with the
Florida Building Code
Date: 6/20/13
NO. 13-0205-10
Miami Made Product Control
By: [Signature]



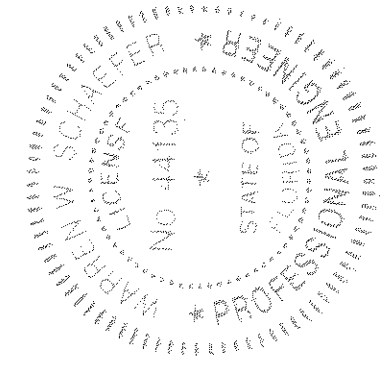
DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 11/05/12	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE MWD SERIES IN-SWING IMPACT WOOD FRENCH DOOR			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		JOB INFORMATION: MONTAG WINDOWS & DOORS 1249 STIRLING ROAD, SUITE 14 DANIA BEACH, FLORIDA 33004 (866) 562-1728	
CERTIFICATION JUN 11 2013 WARREN W. SCHAEFER, P.E.			
DRAWING NO. 1841		REV.	
SHEET NO. 3 OF 9			



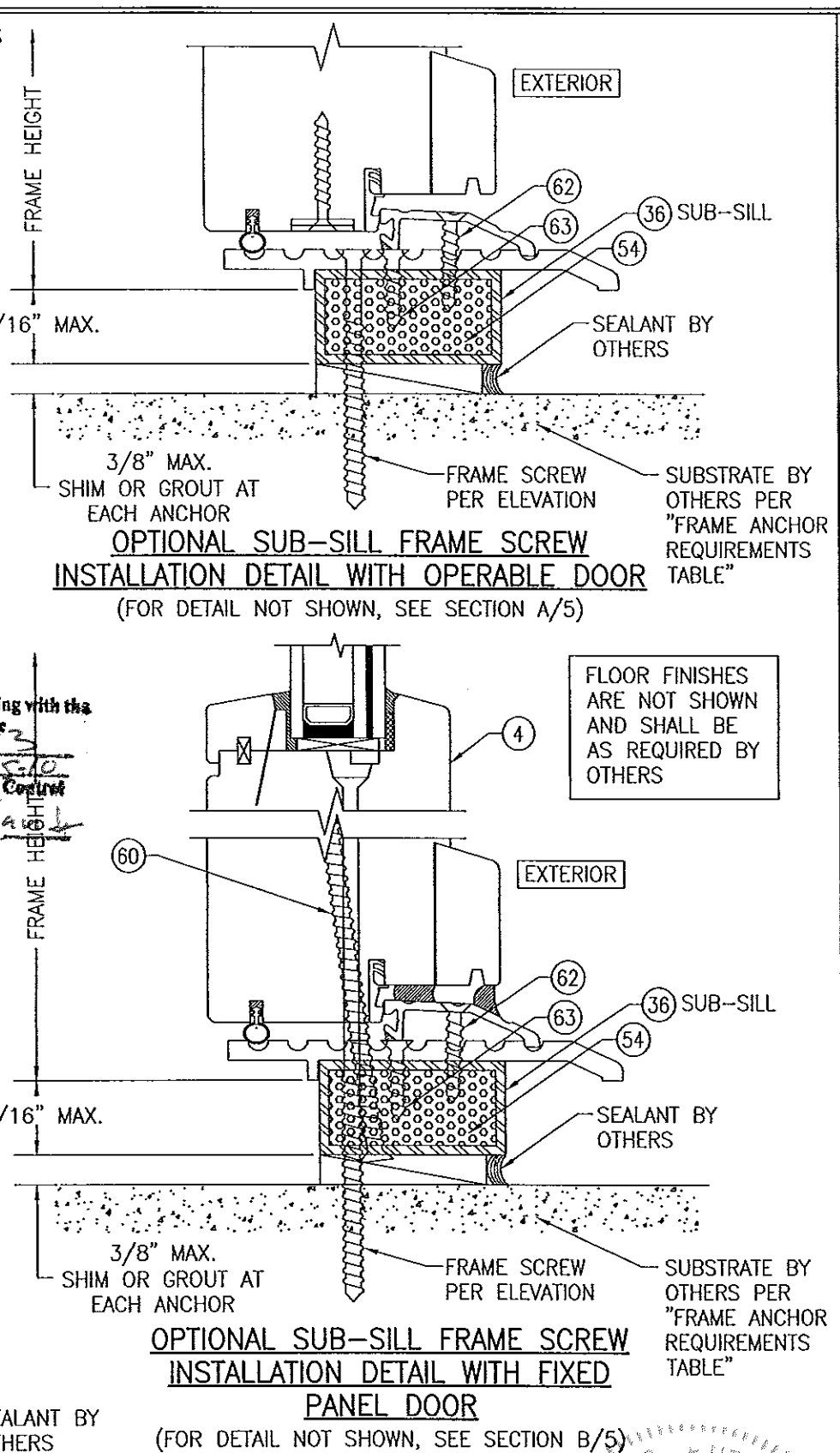
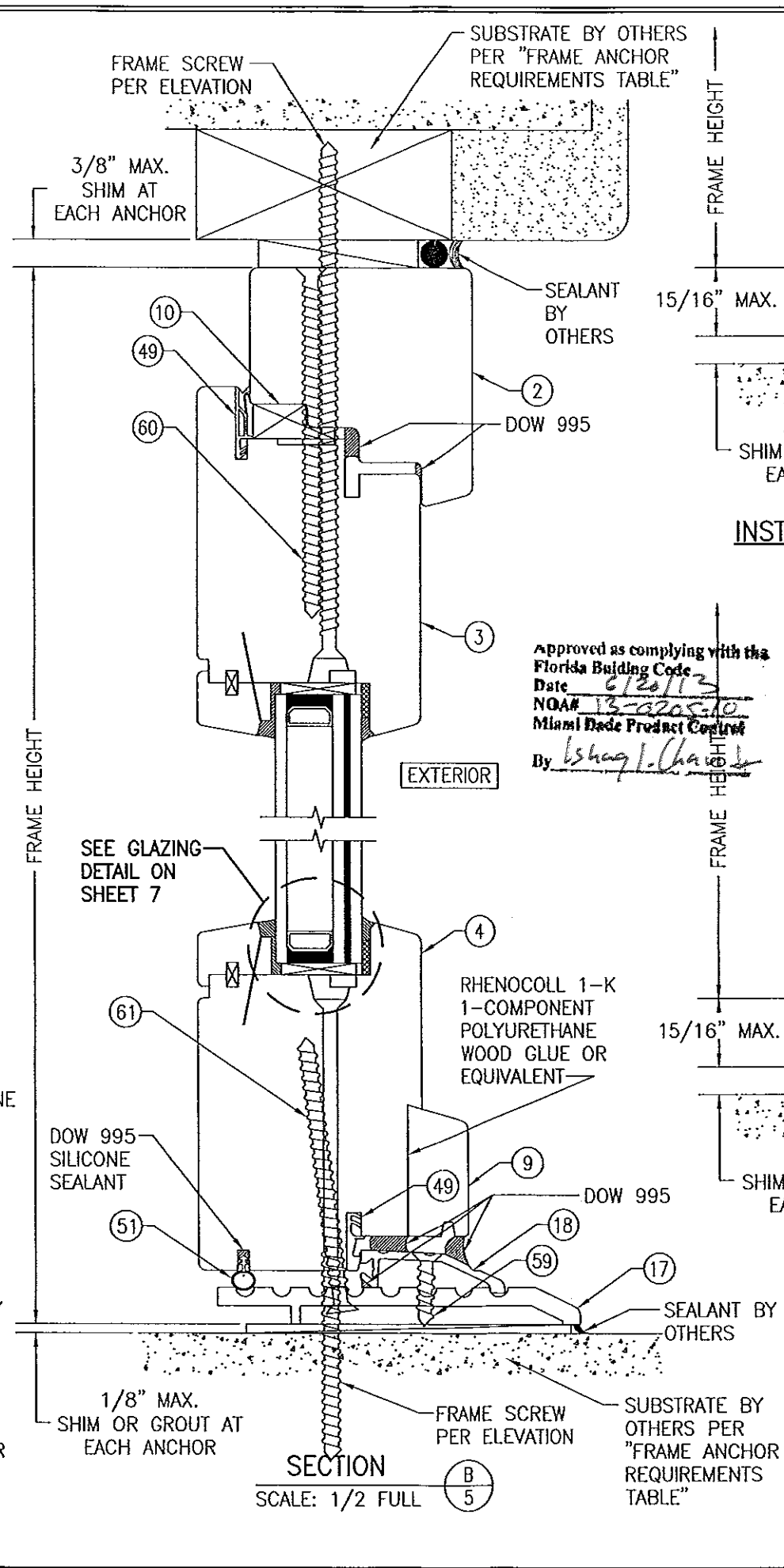
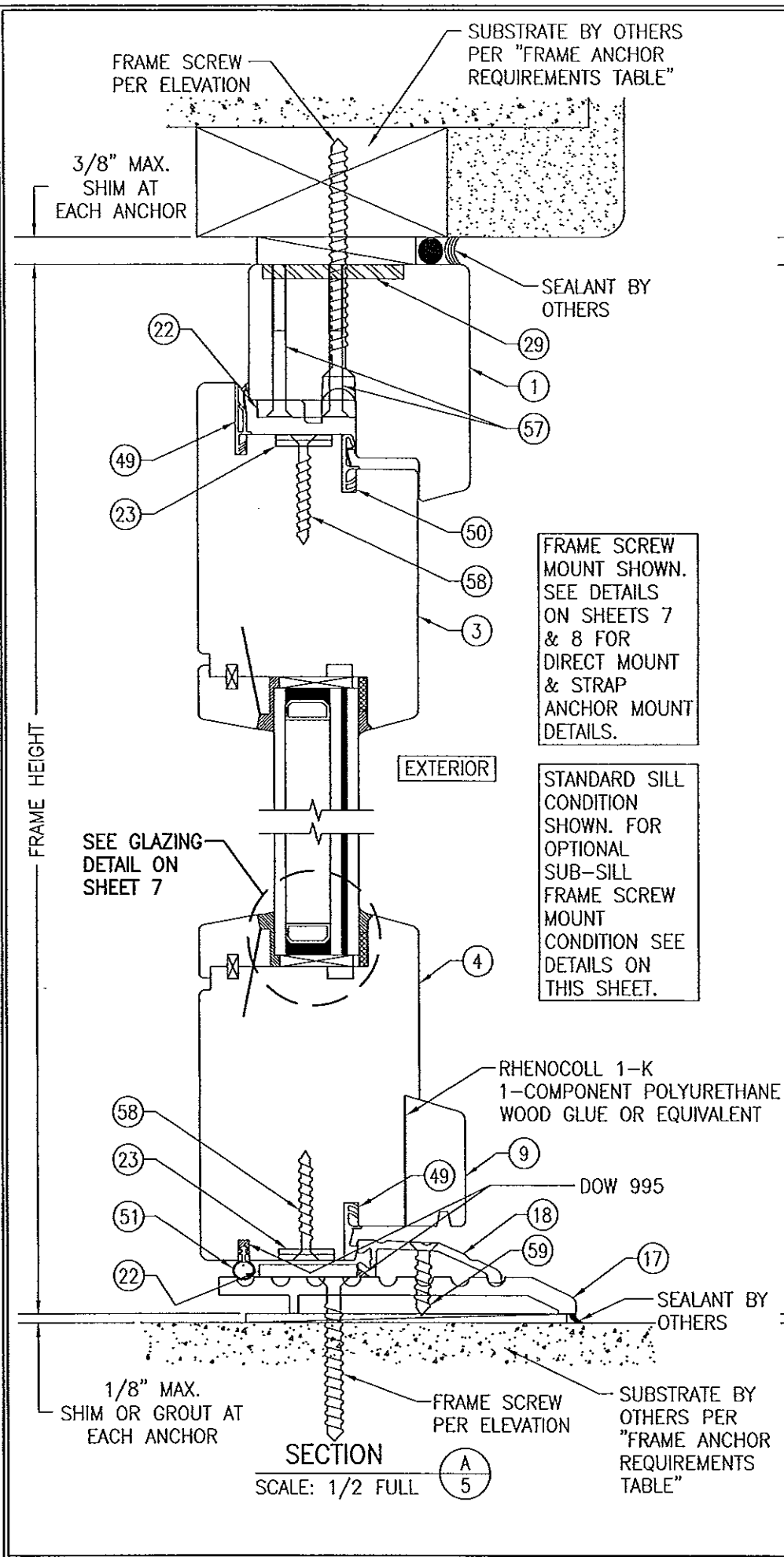
MULTIPLE UNIT NOTES:

1. FOR ALL DETAIL NOT SHOWN, SEE INDIVIDUAL UNIT ELEVATIONS.
2. THERE IS NO LIMIT ON THE NUMBER OF DOORS THAT MAY BE COMBINED IN ONE DIRECTION INTO ONE OPENING PROVIDING THE OPENING IS DESIGNED TO SUPPORT ALL LOADS TRANSFERRED FROM THE DOORS & THEIR MULLIONS.
3. OXOXO UNIT IS SHOWN. ALL OTHER FIXED/DOUBLE DOOR COMBINATIONS ALSO APPLY WITH THE MULLION CONDITIONS SHOWN.

Approved as complying with the
Florida Building Code
Date 6/20/13
NOAH 13-0205-10
Miami Dade Product Control
By Shag L. Gault

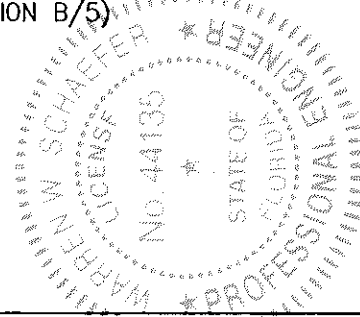


DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1-24	DATE: 11/06/12
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE MWD SERIES IN-SWING IMPACT WOOD FRENCH DOOR	JOB INFORMATION: MONTAG WINDOWS & DOORS 1249 STIRLING ROAD, SUITE 14 DANIA BEACH, FLORIDA 33004 (866) 562-1728
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	CERTIFICATION JUN 11 2013 WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1841	REV.
SHEET NO. 4	OF 9

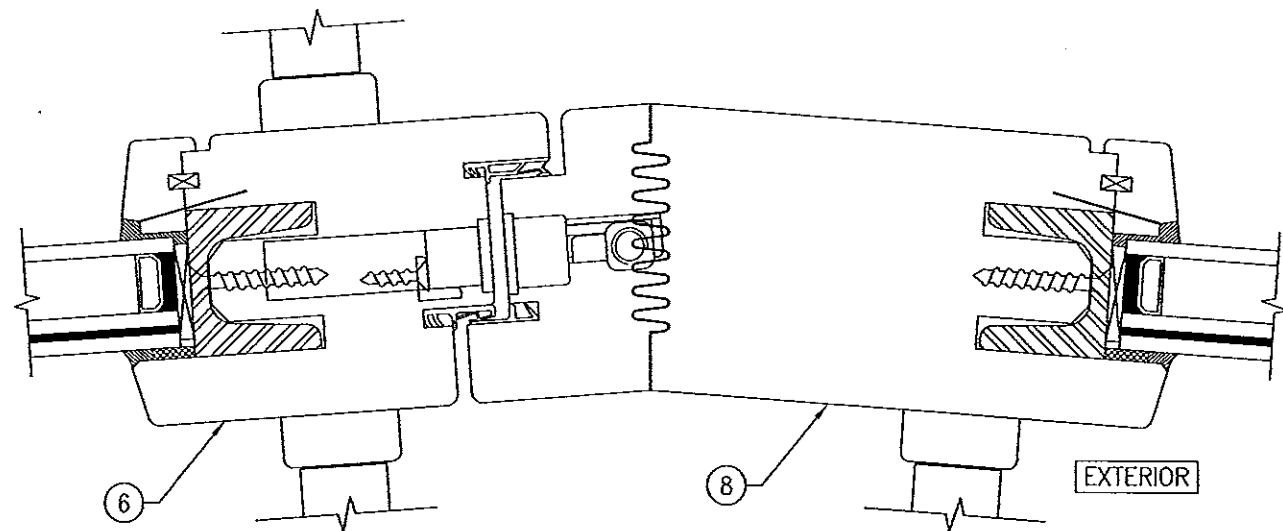


Approved as complying with the
Florida Building Code
Date 6/20/13
NOA# 13-0205-10
Miami Dade Product Control
By L. Shag L. Chas

FLOOR FINISHES
ARE NOT SHOWN
AND SHALL BE
AS REQUIRED BY
OTHERS



DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 11/06/12
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE MWD SERIES IN-SWING IMPACT WOOD FRENCH DOOR	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
MANUFACTURER MONTAG WINDOWS & DOORS 1249 STIRLING ROAD, SUITE 14 DANIA BEACH, FLORIDA 33004 (866) 562-1728	
CERTIFICATION JUN 11 2013	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1841	REV.
SHEET NO. 5	OF 9



SECTION **G**
SCALE: 1/2 FULL
(FOR DETAIL NOT SHOWN, SEE SECTION D/6)

STRAP ANCHOR SCREW PER "FRAME ANCHOR REQUIREMENTS TABLE"
(1 PER STRAP)

SUBSTRATE BY OTHERS PER "FRAME ANCHOR REQUIREMENTS TABLE"

3/8" MAX. SPACE. FULL SHIM AT EACH STRAP

INSTALLATION CLIP PER ELEVATION (32)

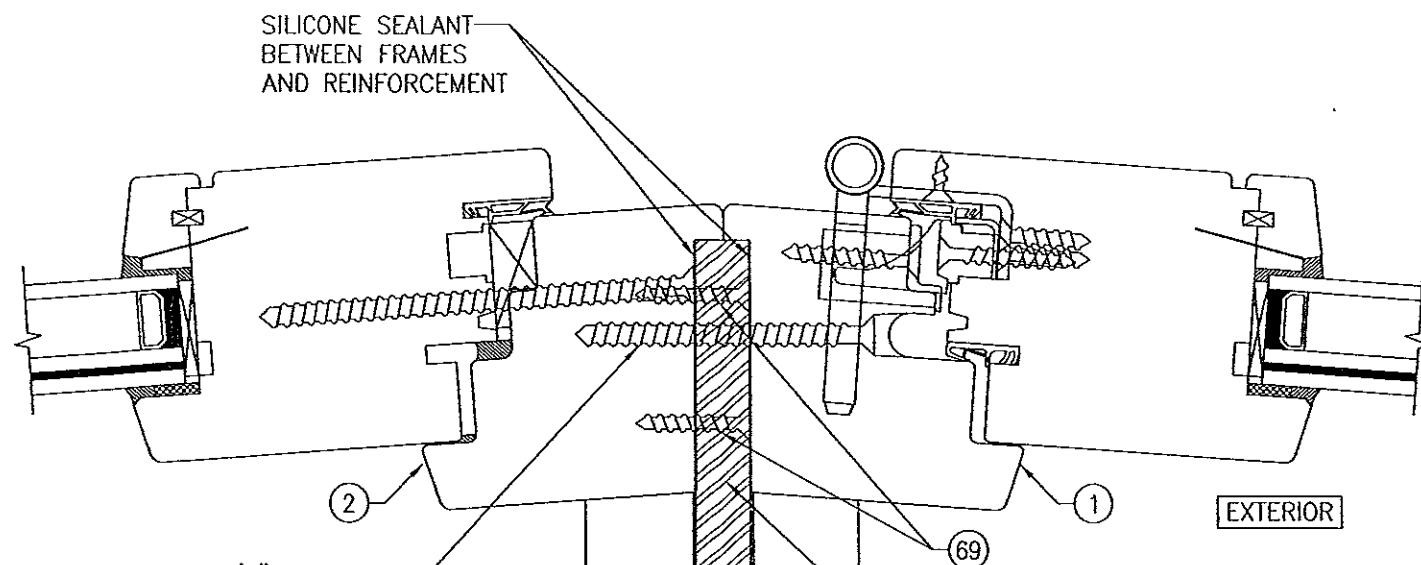
MIN. 1 1/4" X 5" SHIM AT EACH STRAP ANCHOR

SEALANT BY OTHERS

NO. 10 X 1 1/2" SMS OR WOOD SCREWS (2 PER STRAP ANCHOR)

EXTERIOR

OPTIONAL STRAP ANCHOR MOUNT DETAIL AT HEAD & SIDES
(HEAD SECTION SHOWN; SIDES ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)
(OPERABLE DOOR SHOWN, FIXED PANEL DOOR ALSO APPLIES)



NO. 14 X 3 1/4" SMS OR WOOD SCREW WITHIN 6" OF ENDS & 15 5/8" MAX. O.C.

OPTIONAL WOOD COVER

SECTION **H**
SCALE: 1/2 FULL
(FOR DETAIL NOT SHOWN, SEE SECTION F/6)

Approved as complying with the Florida Building Code
Date: 6/20/13
NOA# 13-0205-10
Miami Dade Product Control
By: [Signature]

FLOOR FINISHES ARE NOT SHOWN AND SHALL BE AS REQUIRED BY OTHERS

NO. 10-24 X 1/2" MACHINE SCREW (4 PER STRAP ANCHOR)

MIN. 1 1/4" X 5" SHIM AT EACH STRAP ANCHOR

INSTALLATION CLIP PER ELEVATION (32)

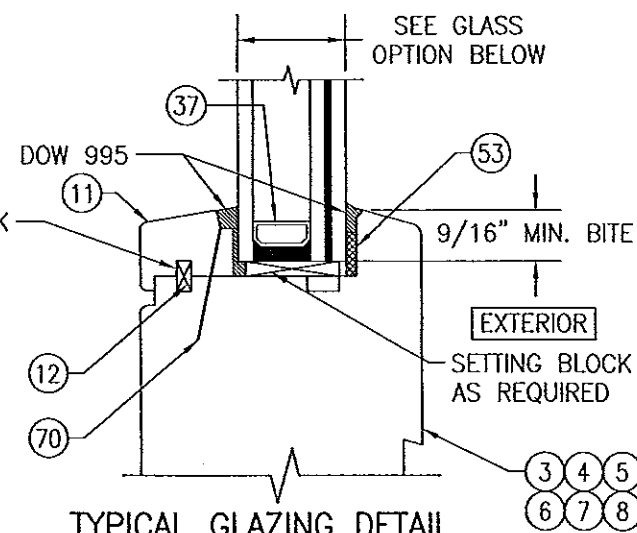
3/8" MAX. SPACE. FULL SHIM AT EACH STRAP

STRAP ANCHOR SCREW PER "FRAME ANCHOR REQUIREMENTS TABLE" (1 PER STRAP)

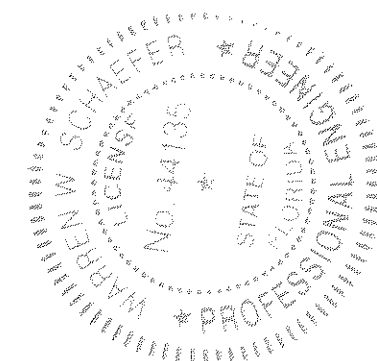
SUBSTRATE BY OTHERS PER "FRAME ANCHOR REQUIREMENTS TABLE"

OPTIONAL STRAP ANCHOR MOUNT DETAIL AT SILL
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)
(OPERABLE DOOR SHOWN, FIXED PANEL DOOR ALSO APPLIES)

RHENOCOLL 1-K 1-COMPONENT POLYURETHANE WOOD GLUE OR EQUIVALENT

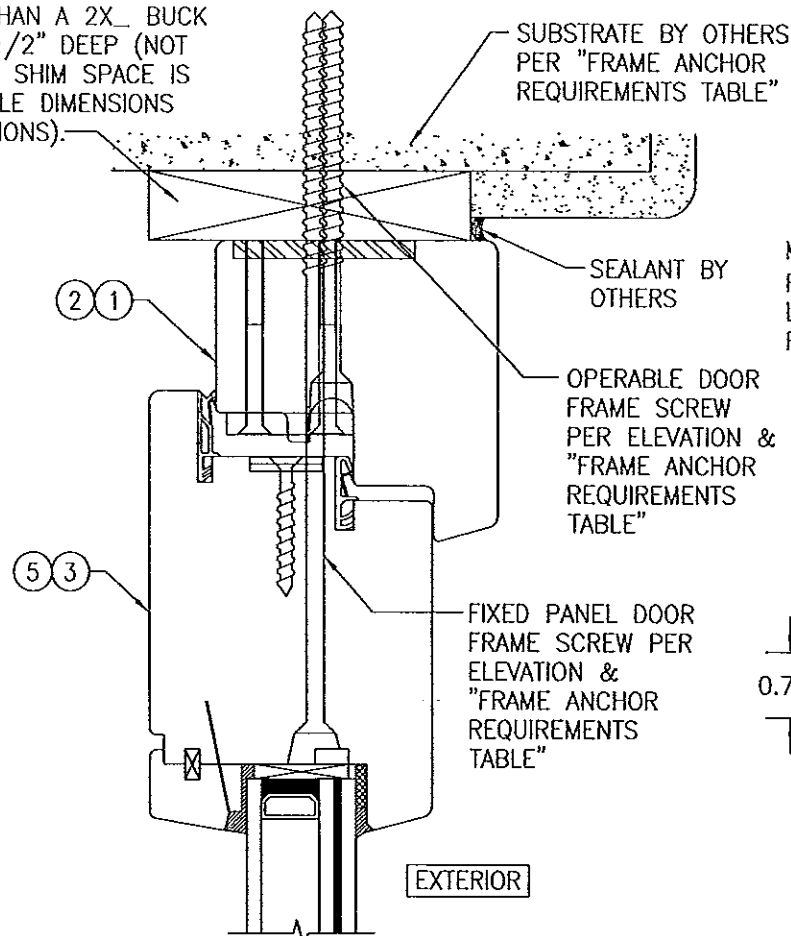


GLASS OPTION
OPTION 1: 1 3/16" THICK I.G. GLASS (3/16" HT. ST./0.09 DUPONT SG/3/16" HT. ST. EXTERIOR; 5/8" SPACER; 3/16" TEMP. INTERIOR)



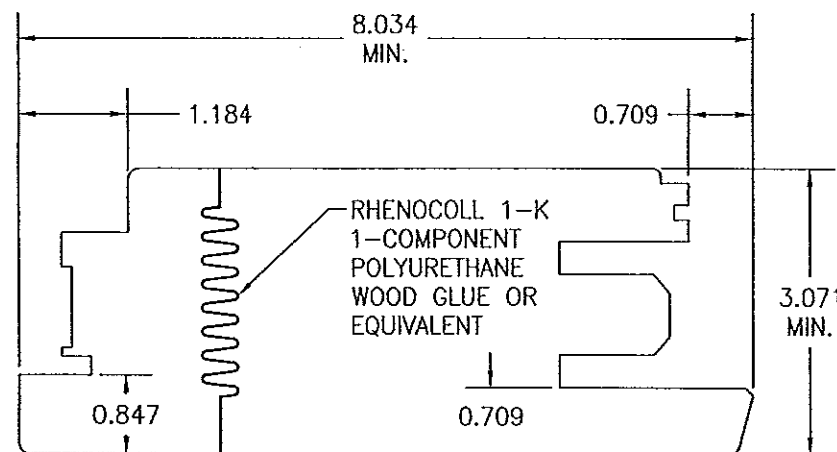
DRAWN BY: W.R.V.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 11/08/12
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE MWD SERIES IN-SWING IMPACT WOOD FRENCH DOOR	
MANUFACTURER MONTAG WINDOWS & DOORS 1249 STIRLING ROAD, SUITE 14 DANIA BEACH, FLORIDA 33004 (866) 562-1728	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION JUN 11 2013 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1841	REV.
SHEET NO. 7	OF 9

CONTINUOUS WOOD MEMBER LESS IN THICKNESS THAN A 2X BUCK TO BE MIN. 3 1/2" DEEP (NOT REQUIRED WHEN SHIM SPACE IS WITHIN ALLOWABLE DIMENSIONS SHOWN IN SECTIONS).

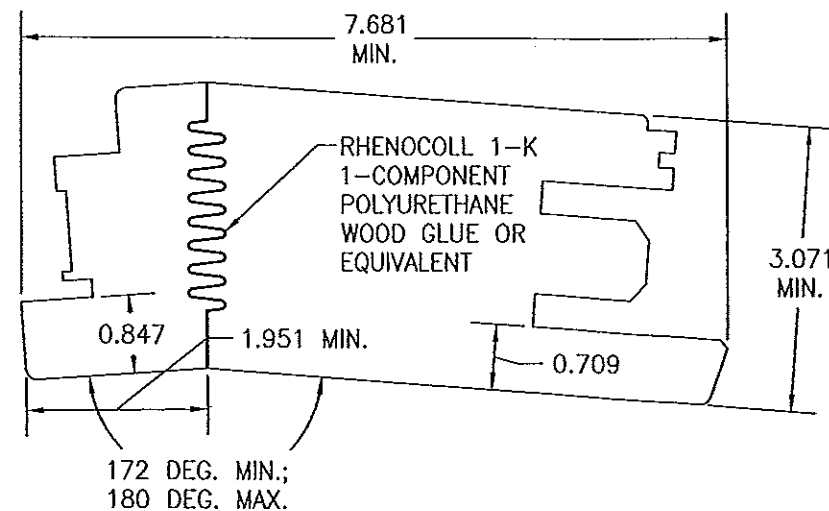


OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER

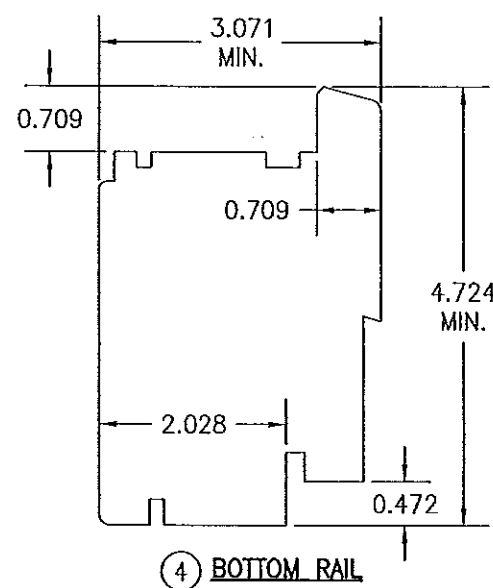
(HEAD SECTION SHOWN; SIDES ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)
(THIS MOUNT OPTION IS NOT APPLICABLE AT THE SILL)



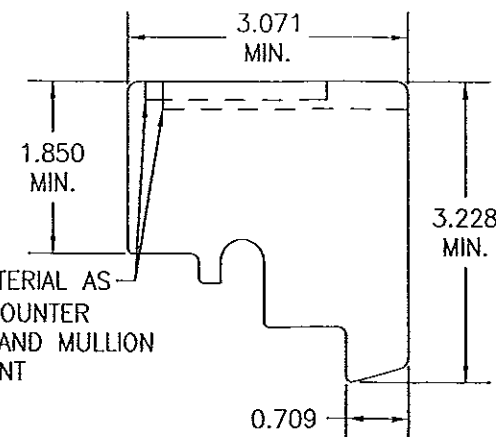
⑦ INACTIVE MEETING STILE (USED WITH STANDARD DOOR CONDITIONS)



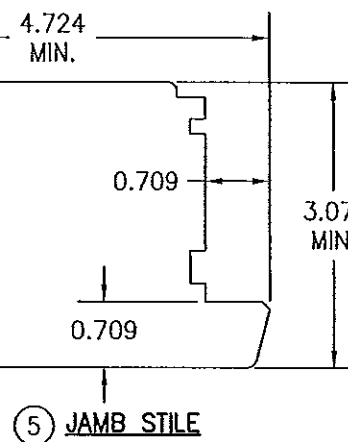
⑧ INACTIVE MEETING STILE (USED WITH ANGLED DOOR CONDITIONS)



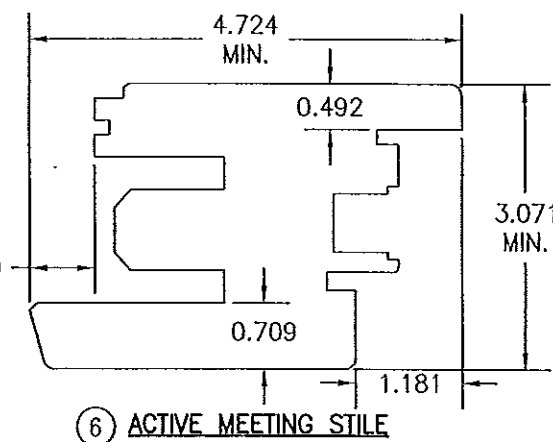
① HEAD & JAMB FRAME (USED AT OPERABLE DOORS)



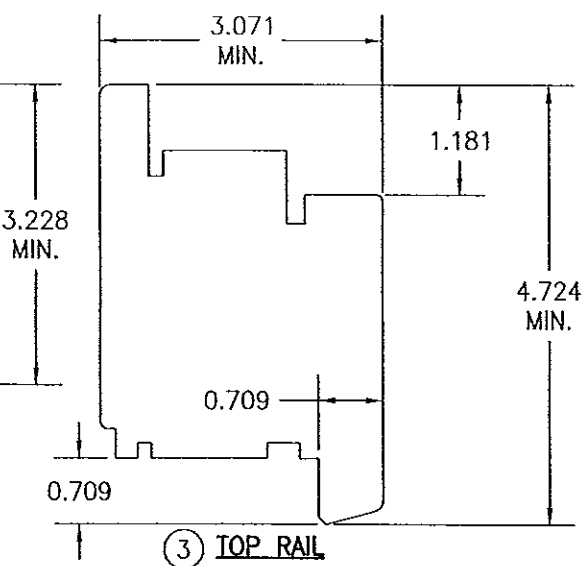
② HEAD & JAMB FRAME (USED AT FIXED PANEL DOORS)



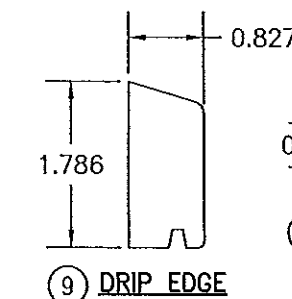
⑤ JAMB STILE



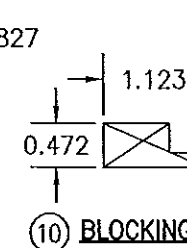
⑥ ACTIVE MEETING STILE



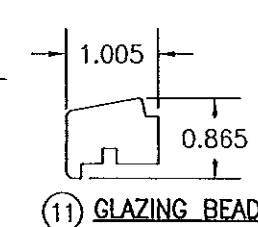
③ TOP RAIL



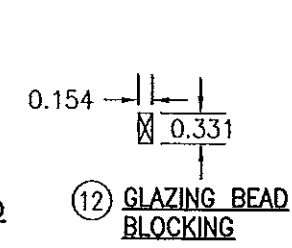
⑨ DRIP EDGE



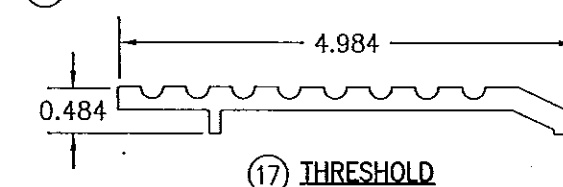
⑩ BLOCKING



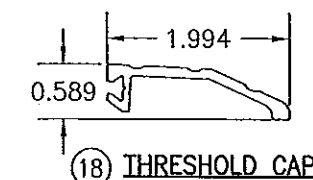
⑪ GLAZING BEAD



⑫ GLAZING BEAD BLOCKING

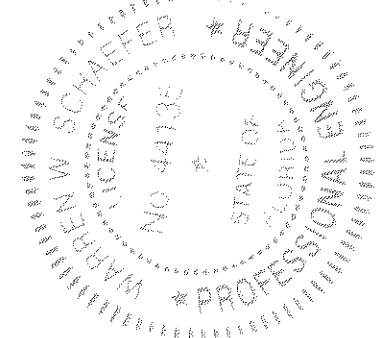


⑬ THRESHOLD



⑭ THRESHOLD CAP

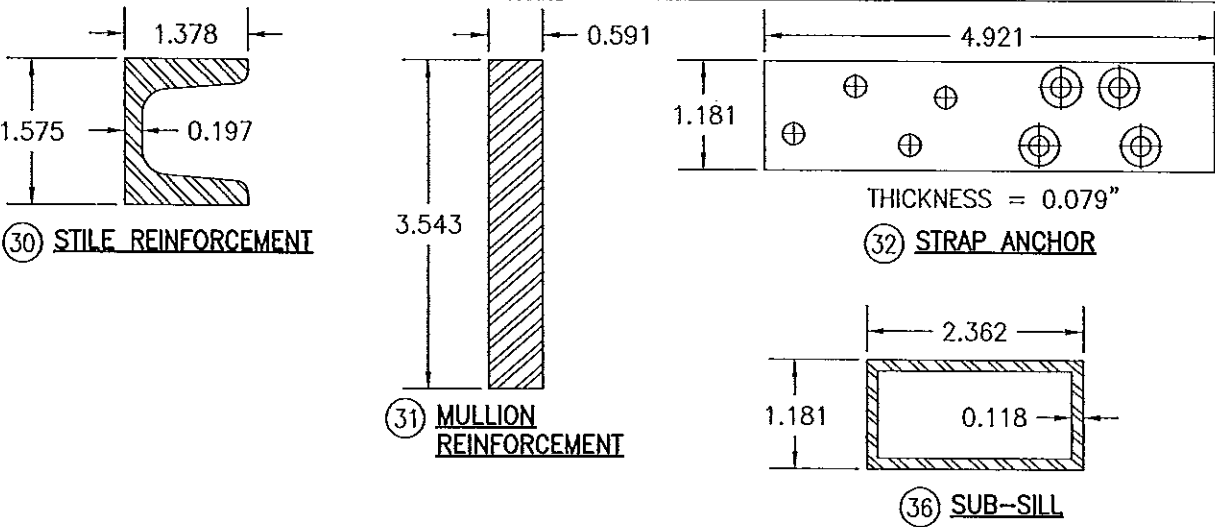
Approved as complying with the
Florida Building Code
Date 6/20/13
NOAH 12-0205-10
Miami Code Product Control
By [Signature]



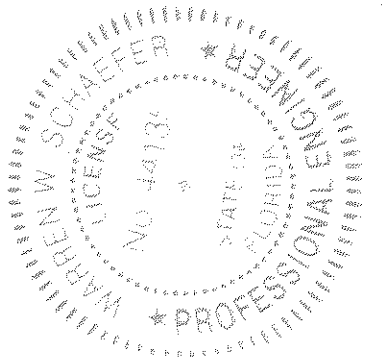
DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 11/08/12	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE: MWD SERIES IN-SWING IMPACT WOOD FRENCH DOOR			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: MONTAG WINDOWS & DOORS	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		1249 STIRLING ROAD, SUITE 14 DANIA BEACH, FLORIDA 33004 (866) 562-1728	
CERTIFICATION	JUN 11 2013		
DRAWING NO. 1841		REV.	
SHEET NO. 8		OF 9	

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	HEAD & JAMB FRAME (USED AT OPERABLE DOORS)	WOOD
2	HEAD & JAMB FRAME (USED AT FIXED PANEL DOORS)	WOOD
3	TOP RAIL	WOOD
4	BOTTOM RAIL	WOOD
5	JAMB STILE	WOOD
6	ACTIVE MEETING STILE	WOOD
7	INACTIVE MEETING STILE (USED WITH STANDARD DOOR CONDITIONS)	WOOD
8	INACTIVE MEETING STILE (USED WITH ANGLED DOOR CONDITIONS)	WOOD
9	DRIP EDGE	WOOD
10	BLOCKING	WOOD
11	GLAZING BEAD	WOOD
12	GLAZING BEAD BLOCKING	WOOD
17	THRESHOLD	6063-T5 ALUMINUM
18	THRESHOLD CAP	6063-T5 ALUMINUM
22	LOCK PLATE 1/4" X 1 3/8" X 5 1/4" LONG	304 S.S.
23	SHOOT BOLT GUIDE 1/8" X 13/16" X 8 1/4" LONG	304 S.S.
24	TOP SHOOT BOLT REINFORCEMENT 1/8" X 1/2" X 1/2" X 10 5/8" LONG	304 S.S.
25	BOTTOM SHOOT BOLT REINFORCEMENT 1/8" X 1/2" X 1/2" X 5 9/16" LONG	304 S.S.
29	COUNTER LOCK PLATE 1/4" X 2" X 10" LONG	ASTM A283C STEEL (FY = 34 KSI)
30	STILE REINFORCEMENT	ASTM A283C STEEL (FY = 34 KSI)
31	MULLION REINFORCEMENT	ASTM A283C STEEL (FY = 34 KSI)
32	STRAP ANCHOR	ASTM A283C STEEL (FY = 34 KSI)
36	SUB-SILL	6061-T6 ALUMINUM
37	ALUMINUM IG GLASS SPACER	BY HELIMA
HARDWARE		
41	HINGE	BASYS 036999 S.S.
42	SNUBBER	MACO TRICOAT 94089/94088
43	5-POINT MULTIPOINT LOCK SYSTEM	WINKHAUS STV-FGT 2060/4592/8M2EST #2815035
44	2-POINT MULTIPOINT LOCK SYSTEM	BBS-DRIVEBOLT LOCK #21100110
45	HANDLE	AS REQUIRED TO OPERATE LOCK SYSTEM
SEALS & SEALANTS		
49	WEATHERSTRIP	GOLL GMBH SF 1016-GG/2 SILICONE
50	WEATHERSTRIP	GOLL GMBH SF 1029-GG/2 SILICONE
51	WEATHERSTRIP	GOLL GMBH SF 9011 SILICONE
52	WEATHERSTRIP	GOLL GMBH SF 9010 SILICONE
53	GLAZING TAPE	SILICONE
54	INSULATION BOARD	KOMACELL

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
FASTENERS		
57	3/8-16 MACHINE SCREW	6 PER LOCK PLATE
58	NO. 8 X 1 9/16" WOOD SCREW	4 PER SHOOT BOLT GUIDE
59	NO. 12 X 1" WOOD SCREW	WITHIN 2 1/4" OF ENDS & 11 3/4" MAX. O.C.
60	NO. 14 X 4 3/4" WOOD SCREW	WITHIN 7 1/4" OF ENDS & 15 1/4" MAX. O.C.
61	NO. 14 X 3 3/4" WOOD SCREW	WITHIN 7 1/4" OF ENDS & 15 1/4" MAX. O.C.
62	NO. 12 X 1 1/4" WOOD SCREW	WITHIN 2 1/4" OF ENDS & 11 3/4" MAX. O.C.
63	NO. 12 X 1" WOOD SCREW	WITHIN 1 3/4" OF ENDS & 9 5/8" MAX. O.C.
64	NO. 6 X 1/2" WOOD SCREW	2 PER HINGE
65	NO. 10 X 1" WOOD SCREW	4 PER HINGE
66	NO. 8 X 1 9/16" WOOD SCREW	2 PER EACH SNUBBER AND SNUBBER RECEIVER
67	NO. 12 X 1 9/16" WOOD SCREW	WITHIN 4" OF ENDS & 12" MAX. O.C.
68	NO. 6 X 3/4" WOOD SCREW	5 PER TOP SHOOT BOLT REINFORCEMENT 3 PER BOTTOM SHOOT BOLT REINFORCEMENT
69	NO. 8 X 1 1/4" SMS OR WOOD SCREW	WITHIN 2" OF ENDS & 15" MAX. O.C.
70	16 GA. X 1 3/16" FINISH NAIL	WITHIN 3" OF CORNERS & 15" MAX. O.C.



Approved as complying with the
Florida Building Code
Date JUNE 20, 2013
NOAH 13-0205-10
Miami Dade Product Control
By Isaac L. Chan



DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 11/06/12
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE MWD SERIES IN-SWING IMPACT WOOD FRENCH DOOR	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	MANUFACTURER MONTAG WINDOWS & DOORS 1249 STIRLING ROAD, SUITE 14 DANIA BEACH, FLORIDA 33004 (866) 562-1728
CERTIFICATION JUN 11 2013 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO. 1841 SHEET NO. 9 OF 9